NORTH-HOLLAND

Author Index—Volume 60

Blind, K., 15
Burton, M.P., 97

Corning, P.A., 305
Cuhls, K., 15, 55

De Loo, I., 215
De Souza Filho, H.M., 97
Dierckx, M.A.F., 149
Duncan, J.F., 167
Dunphy, S., 199

Grupp, H., 1, 15, 71, 85

Héraud, J.-A., 55
Hong, S.-K., 71

Islas, J., 129

Johnston, R., 37

Kayal, A., 237
Kuwahara, T., 5

Linstone, H.A., 85, 299

Martin, B.R., 37
McGrath, R.N., 247
Meristo, T., 275
Metais, E., 113
Mitchell, G.R., 205

Phillips, F., 95

Roux-Dufort, C., 113
Russakoff Hoos, I., 295

Sharma, K., 307
Shin, T., 71
Stroeken, J.H.M., 149
Sun, J.W., 275

Tseng, F.-M., 263
Tzeng, G.-H., 263

Verspagen, B., 215

Young, T., 97
Yu, H.-C., 263

Book Review Index—Volume 60

Hughes, T.P., *Rescuing Prometheus* (Harold A. Linstone), 299
Modis, T., *Conquering Uncertainty: Understanding Corporate Cycles and Positioning Your Company to Survive the Changing Environment* (Kish Sharma), 307
Rescher, N., *Complexity: A Philosophical Overview* (Peter A. Corning), 305

Subject Index—Volume 60

Agriculture, factors influencing adoption of sustainable practices, 97
Australia, national technology foresight activities in, 37
Austria, national technology foresight activities in, 15, 85

Brazil, factors influencing adoption of sustainable agricultural technologies, 97

Canada, development of semiconductor technology in, 237

Technological Forecasting and Social Change 60, 311–313 (1999)
© 1999 Elsevier Science Inc. All rights reserved.
655 Avenue of the Americas, New York, NY 10010
0040-1625/99/$–see front matter
PII S0040-1625(99)00030-X

Carbon emissions, in OECD countries, 1960–95, 275
Central Europe, national technology foresight activities in, 15
Chain reaction theory, applied to social interactions, 167
Chemistry, equations applied to social interactions, 167
Core competencies in crisis management, built through organizational learning, 113
Crisis management, 113

Decarbonization, analysis of in OECD countries, 275
Decision making, and nuclear safety, 295
Delphi technique
  historic development of, 85
  national technology forecasting with, 5, 15, 55, 71, 85
Dematerialization/materialization measurement, in energy use of OECD countries, 275

Electric vehicle technologies, 247
Electricity generation
  gas turbine, 129
  nuclear, 113
Energy use of OECD countries, measurement of, 275
Europe, development of semiconductor technology in, 237

Forecasting production value, using fuzzy seasonal time series, 263
Foresight, defined, 1, 85
France
  development of semiconductor technology in, 237
  national technology foresight activities in, 55, 85
  nuclear power company builds core competencies, 113
Fuzzy regression model, 263

Gas turbine, technological paradigm, 129
Generation X, 199
Germany
  development of semiconductor technology in, 237
  national technology foresight activities in, 15, 85
Global technology policies, and economic growth, 205

Hungary, national technology foresight activities in, 15, 85

Incumbency, effect on legitimation of electric vehicle technologies, 247
Indonesia, national technology foresight activities in, 71
Industrial innovation model, 149
Infopreneur, 199
Information technology, in small and medium-sized enterprises, 149
Innovation, result of information technologies, 149
Italy, national technology foresight activities in, 55

Japan
  development of semiconductor technology in, 237
  national technology foresight activities in, 5, 85

Korea, national technology foresight activities in, 71, 85

Latin America, national technology foresight activities in, 71
Legitimacy, used to promote technological preferences, 247
LEISA (low-external-input and sustainable agriculture) technology, 97

Morphological analysis, applied to electric vehicle technologies, 247

Netherlands
  car disassembly industry, 149
  national technology foresight activities in, 15, 85
New Zealand, national technology foresight activities in, 37
Nuclear safety, 113, 295
Nuclear terrorism, 295

OECD nations, measurement of dematerialization/materialization in energy use of, 275
Organizational learning, builds core competencies in crisis management, 113

Paradigm, electricity generation, 129
Philippines, national technology foresight activities in, 71

R&D spending, global comparisons, 205
R&D spillovers, 215

SARIMA (seasonal time series ARIMA) model, 263
Social interactions, examined with chemical equations, 167
South Africa, national technology foresight activities in, 71
South Korea, development of semiconductor technology in, 237
Southeast Asia, national technology foresight activities in, 71
Spain, national technology foresight activities in, 55
Stock market, reasons for faith in, 95
Superconductor and semiconductor technologies, assessing the pace of progress of, 237
Sustainable agricultural technologies, factors influencing adoption of, 97

Taiwan
  development of semiconductor technology in, 237
  forecasting production value of mechanical industry in, 263
Technology Cycle Time (TCT) indicator, 237
Technology flow matrix, new method for measuring technology spillovers, 215
Technology foresight, national projects, 1, 5, 15, 37, 55, 71, 85
Technology policies, and economic growth, 205
Technology progress, measuring the pace of, 237
Technology spillovers, new method for measuring, 215
Thailand, national technology foresight activities in, 71

United Kingdom
  development of semiconductor technology in, 237
  national technology foresight activities in, 37, 85
United States, development of semiconductor technology in, 237